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PHOTO SERIES NO. 58

PACKAGING AND CANNING OF NONFAT DRY MILK

OCTOBER 1961

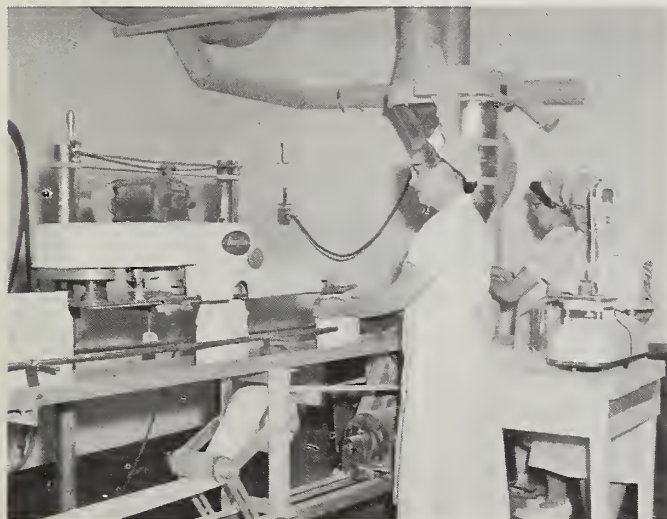
These photographs, taken for USDA's Agricultural Marketing Service, show some of the activities involved in the packaging and canning of nonfat dry milk that has been manufactured and graded under USDA's grading and quality control service. Photographs on page 4 illustrate specifically packaging of dry milk for donation to eligible persons and institutions under USDA's Direct Distribution Program.



N-37088--With steel drum containing nonfat dry milk in dumping apparatus, plant employee prepares to dump product into hopper. From this point, it will be carried to packaging and canning operations.



N-37073--Bag insert is held in position by plant employee for filling with nonfat dry milk for consumer use.

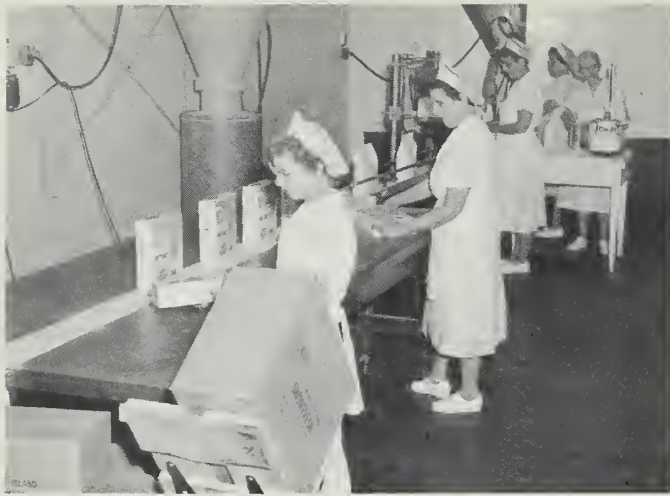


N-37074--Bags containing nonfat dry milk are inserted into machine that heat-seals the tops.

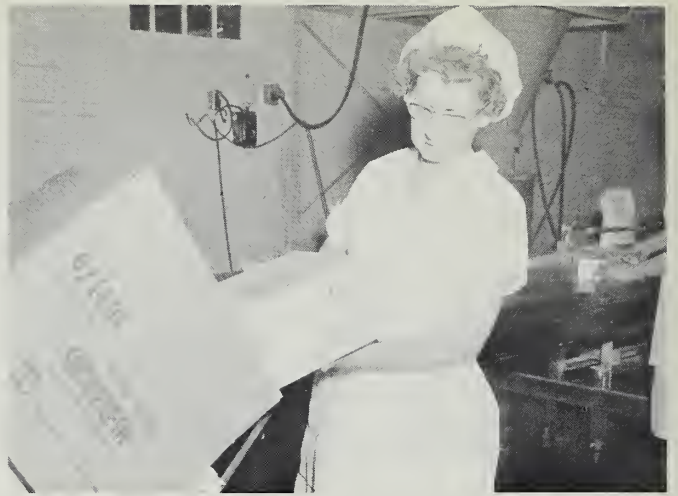


N-37076--The USDA grade mark on this consumer package of nonfat dry milk denotes that the product was manufactured and officially graded under USDA's grading and quality control service.

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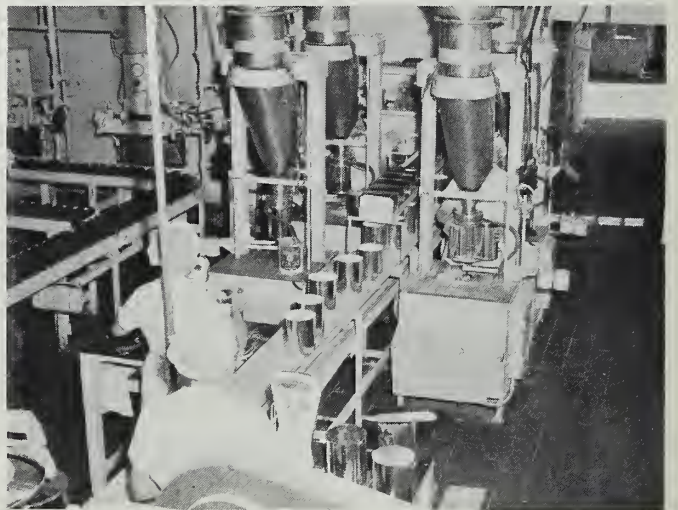
N-37078--Plant employees place filled and sealed bags of nonfat dry milk into outer cartons for added protection of the product.



N-37077--Employee places consumer packages of nonfat dry milk into carton container for shipment. Both packages and shipping container bear the USDA grade mark.



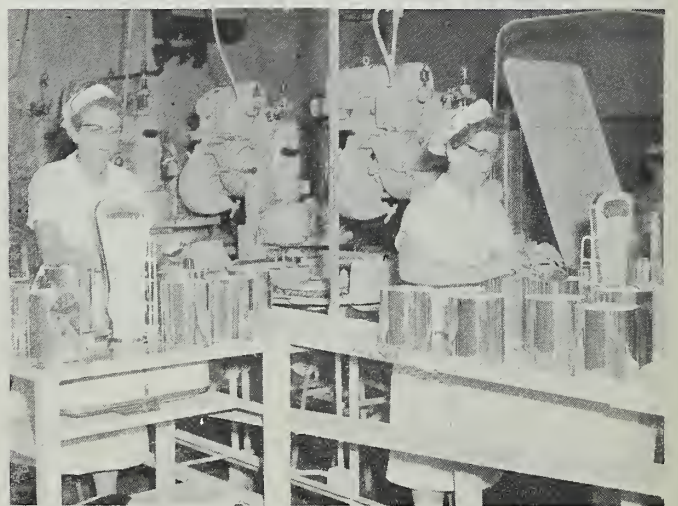
N-37079--Official USDA grade shield on shipping carton of nonfat dry milk. The shield denotes that the product was manufactured and officially graded under USDA's grading and quality control service.



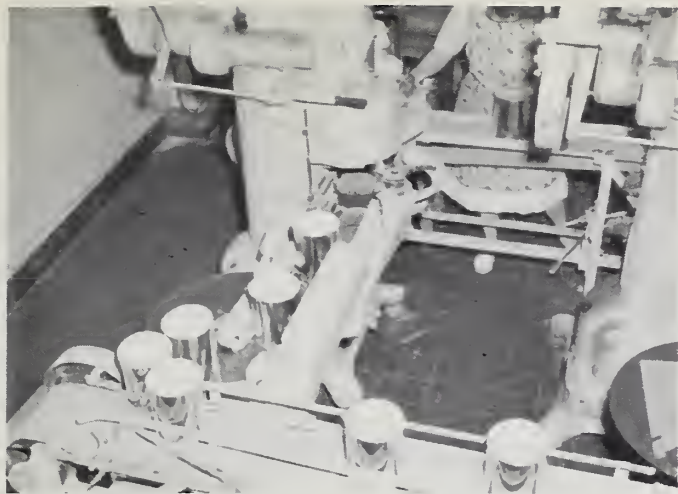
N-37080--In this cannery operation, nonfat dry milk is canned for consumer use. This view shows cans being filled with the product and weighed.



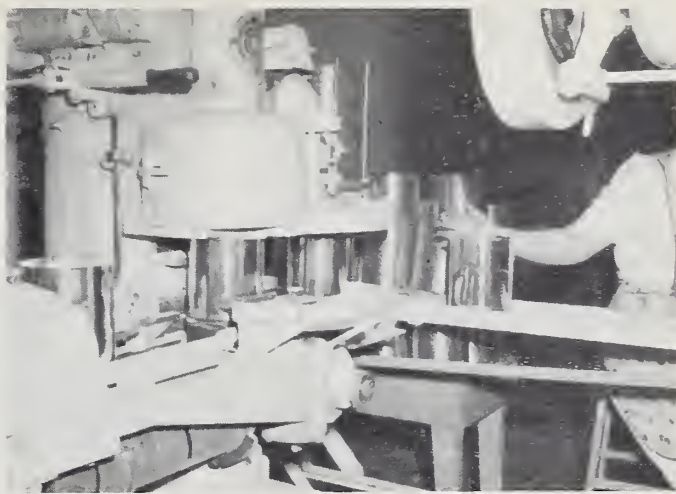
N-37082--Plant employee places cans in position for automatic filling with nonfat dry milk. Each can is filled to an approximate net weight of 4-1/2 pounds, to be later checked and adjusted to the correct weight.



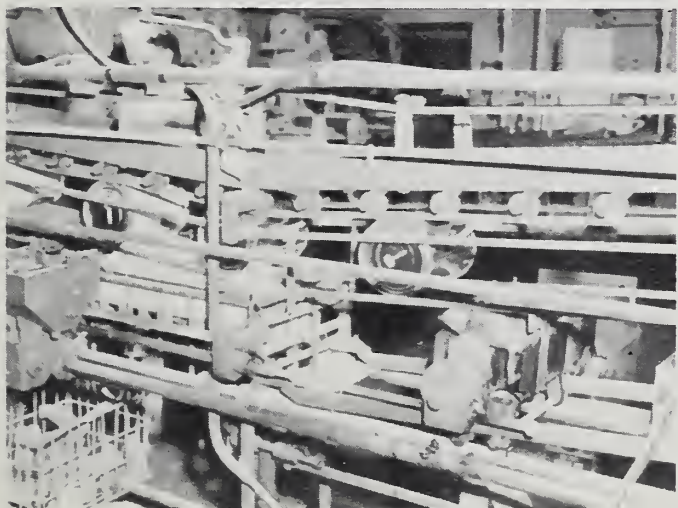
N-37083--Employees weigh filled cans of nonfat dry milk, then adjust the net weight of the product to 4-1/2 pounds.



N-37081--After being filled with nonfat dry milk and weighed, cans move by conveyer to sealing machine.



N-37090--This machine places and hermetically seals lids onto cans of nonfat dry milk.



N-37084--In this phase of cannery operation, labels are mechanically applied to cans of nonfat dry milk.



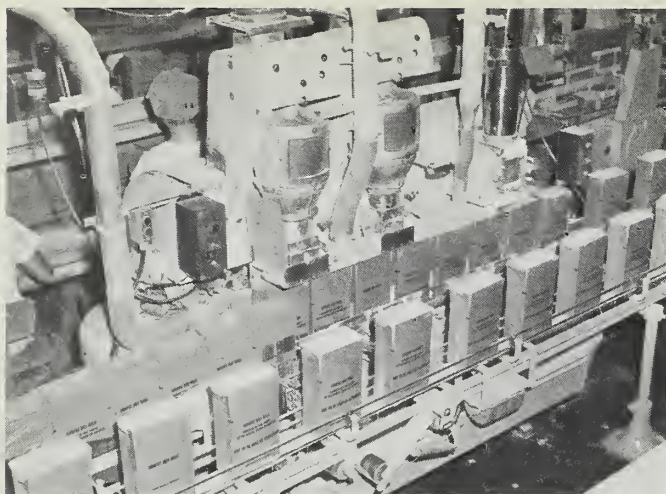
N-37086--This close-up view of 4-1/2 pound can of dry milk for consumer use shows USDA grade shield, which denotes that the product was manufactured and officially graded under USDA's grading and quality control service.



N-37091--As one of many quality control tests, a USDA resident grader examines under a microscope nonfat dry milk that has been manufactured and graded under USDA's grading and quality control service.



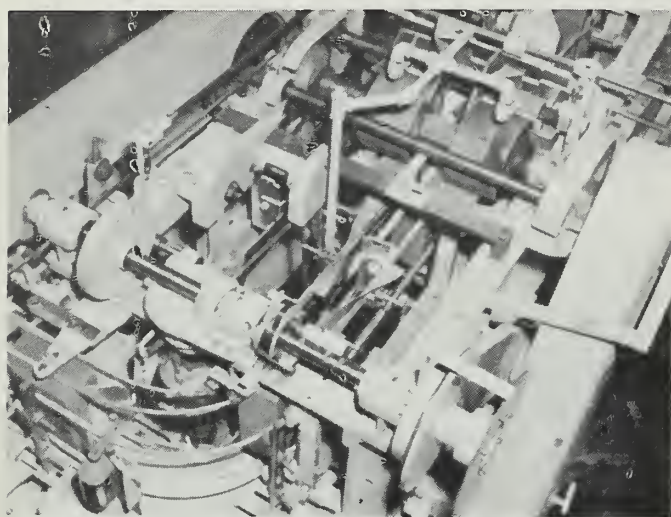
N-37093--USDA resident grader in plant, using standard plate count, records bacteria in sample of nonfat dry milk that has been manufactured and graded under USDA's grading and quality control service.



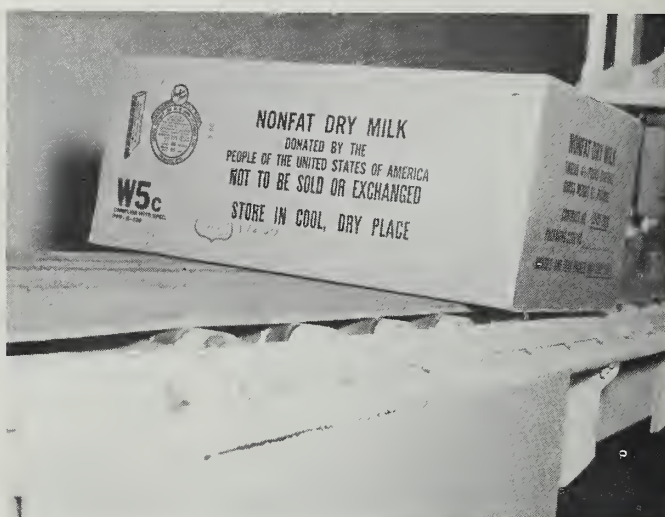
N-37094--In this automatic packaging operation, packages are filled with nonfat dry milk for donation both in the U.S. and abroad under USDA's Direct Distribution Program.



N-37097--Filled packages of nonfat dry milk move along conveyer in packaging operation. These packages will be donated to eligible institutions and persons both in the U.S. and abroad. They are identified as being "Donated by the people of the United States of America."



N-37095--This machine seals packages filled with nonfat dry milk to be donated both in the U.S. and abroad under USDA's Direct Distribution Program.



N-37099--This carton contains twelve 4-1/2 pound cartons of nonfat dry milk to be donated both in the U.S. and overseas under USDA's Direct Distribution Program. Cartons are identified by code number as to manufacturing plant and place packaged and are shown to be "Donated by the people of the United States of America."



N-37100--Cartons of nonfat dry milk are loaded onto rail-road car. The product is to be donated both in the U.S. and abroad under USDA's Direct Distribution Program.



N-29957--A New Mexico homemaker uses nonfat dry milk and other foods donated under USDA's Direct Distribution Program to prepare meal for her family. Foods were distributed through the U.S. Department of Interior's Bureau of Indian Affairs.